
REFERENCES

- Archer, Scott F. 2001a. Telephone conversation among BLM, SWCA, and Trinity staff on December 5, 2001 conference call.
- Archer, Scott F. 2001b. States' Acceptable Ambient Concentration Levels and guidelines provided to Sean McEldowney, Trinity Consultants, in a December 13, 2001 facsimile.
- Archer, Scott F. 2002. Conversation with Trinity staff on December 17, 2002.
- Bartel, Kim 2002. Conversation between Kim Bartel, Vernal BLM Field Office and David Harris, SWCA Environmental Consultants, Vernal, Utah, 2 April 2002.
- Bechard, M. J., R. L. Knight, D. G. Smith, and R. E. Fitzner. 1990. Nest sites and habitats of sympatric hawks (*Buteo* spp.) in Washington. *Journal of Field Ornithology* 61:159-170.
- Belsky AJ, Matzke A, Uselman S. 1999. Survey of livestock influences on stream and riparian ecosystems in the western United States. *Journal of Soil and Water Conservation* 54:419-431.
- Blackett, R. 1996. "Tar Sand Resources of the Uinta Basin, Utah. A Catalog of Deposits." Utah Geological Survey Open File Report 335.
- Bowker, J.M.; Harvard, J.E., III; Bergstrom, John C.; Cordell, H. Ken; English, Donald B.K.; Loomis, John B. "The Net Economic Value of Wilderness", *The Multiple Values of Wilderness*: 161–181. USFS, Southern Research Station, 2005.
- Braun, C.E., O. O. Oedekoven, and C. L. Aldridge. 2002. Oil and gas development in western North America: effects on sagebrush steppe avifauna with particular emphasis on sage-grouse. *Transactions of the North American Wildlife and Natural Resources Conference* 67:337-349.
- Bureau of Indian Affairs. 2002. Website: <http://www.doi.gov/bureau-indian-affairs.html>
- Bureau of Land Management (BLM) April 1983a. Book Cliffs Management Situation Analysis. Chapter 5, Wildlife and Wild Horses. BLM Vernal Field Office, Vernal, Utah. page 23.
- BLM. 1984. Bookcliffs Final EIS. Utah BLM, Vernal District. Final Environmental Impact Statement on the Book Cliffs Resource Management Plan.
- BLM. 1985. Manual 3031-Energy and Mineral Resources Assessment. Rel. 3-115. June 19, 1985.
- BLM. May 1985. Record of Decision and Rangeland Program Summary for the Book Cliffs Resource Management Plan, page 45. BLM Vernal Field Office, Vernal, Utah.

- BLM. July 1985. Final Environmental Impact Statement on the Book Cliffs Resource Management Plan. BLM Vernal Field Office, Vernal, Utah. July. Page 117
- BLM. 1988. National Environmental Policy Act Handbook, *BLM Handbook H-1790-1*. Department of the Interior, Bureau of Land Management. Washington, D.C., October 1988.
- BLM. 1990. Diamond Mountain Resource Management Plan. Bureau of Land Management, Vernal Field Office, Vernal, Utah.
- BLM. 1991. Final Environmental Impact Statement Vegetation Treatment on BLM Lands in Thirteen Western States and associated Records of Decision. BLM Wyoming State Office, Casper Wyoming. 1991. (BLM-WY-ES-91-036-4320)
- BLM. 1992. BLM Handbook 8400 – Visual Resource Management.
- BLM. 1993a. Process for Assessing Proper Functioning Condition. BLM, Proper Functioning Condition Work Group, TR 1737-9. 51 pp.
- BLM. 1993b. Diamond Mountain RMP and EIS. Utah BLM, Vernal District. U.S. Department of the Interior, Bureau of Land Management, March 1993, Diamond Mountain Resource Area Resource Management Plan and Environmental Impact Statement, Volume 1
- BLM. 1993. Wild and Scenic Rivers - Policy and Program Direction, for Identification, Evaluation, and Management, BLM Manual 8351. US Department of the Interior, Bureau of Land Management. December 22, 1993.
- BLM. 1994a. Diamond Mountain Resource Area Resource Management Plan and Record of Decision. April 4, 1994.
- BLM. 1994b. Manual 3060. Mineral Reports, Preparation and Review. Rel. 3-284.
- BLM. 1994. H08160-1 – General Procedure Guidance for Native American Consultation. Available at <http://www.blm.gov/nhp/efoia/wo/handbooks/h8160-1.html>.
- BLM. 1995. Interim Management Policy for Lands Under Wilderness Review. BLM Handbook H-8550-1. Bureau of Land Management, California State Office, Sacramento.
- BLM. 1996. Woodland Product Policy. Instruction Memorandum No. UT080-97-01, Change 1. Vernal Field Office, Vernal, Utah.
- BLM. 1997. Fundamentals of Rangeland Health and Their Companion Rules: Standards for Rangeland Health and Guidelines for Grazing Management for BLM in Utah. Bureau of Land Management, Utah State Office, Salt Lake City. May.
- BLM. 1998. General Procedural Guidance for Paleontological Resource Management (H-8270-1). United States Department of the Interior, Bureau of Land Management Manual.

- BLM. 1999. Costilla Energy Inc. Hill Creek Unit Wellfield Development EA/RMP Plan Amendment. December. Vernal Field Office, Vernal, Utah.
- BLM. 1999b. Utah Wilderness Inventory. Bureau of Land Management, Utah State Office, Salt Lake City.
- BLM. 2000. BLM Manual H-1601-1 Land Use Planning Handbook. United States, Department of the Interior, Bureau of Land Management.
- BLM. 2000. Vernal Field Office Fire Management Plan. US Department of the Interior, Bureau of Land Management, Vernal Field Office.
- BLM. 2000. Vernal Field Office Fuels Management Plan. US Department of the Interior, Bureau of Land Management, Vernal Field Office.
- BLM. July 2001. Book Cliffs Resource Management Plan Amendment Involving the Bonanza Wild Horse Herd Area. EA No. UT 080-1999-56. BLM Vernal Field Office, Vernal, Utah.
- BLM. 2001. Glenwood Springs Field Office Information. Webpage: <http://www.co.blm.gov/gsra/officeinfo.htm> Last Modified: September 26, 2001. Glenwood Springs, CO.
- BLM. 2001. BLM Manual 6840, revised – Special Status Species Management. January 17, 2001.
- BLM. 2002. "Mineral Potential Report for the Vernal Planning Area Encompassing Approximately 5.1 million Acres, Duchesne, Dagget, Uintah, and Grand Counties", Utah, Bureau of Land Management, U.S. Department of Interior.
- BLM. 2003a. Meeting of air quality stakeholders to discuss the dispersion modeling protocol. Meeting notes. February 11, 2003.
- BLM. 2003b. Socioeconomic Profile - Pinedale. Pinedale FO, Pinedale Wyoming. January 2003.
- BLM. 2004a. Development scenario questionnaire (developed by BLM NSTC-AQ staff), completed by GSFO personnel 4/17/04; transmitted via email from Steve Bennett to Craig Nicholls. April 17, 2004.
- BLM. 2004b. Development scenario questionnaire (developed by BLM NSTC-AQ staff), completed by VFO (Utah) personnel 4/12/04; transmitted via email from Dave Moore to Craig Nicholls, 4/12/04.
- BLM. 2004. Telephone Conversation with Ed Forsman, BLM Vernal Field Office, Vernal, Utah and Deb Reber, SWCA Environmental Consultants. August 19, 2004.
- BLM. 2004. Personal communication with Robert Specht, BLM Vernal Field Office, Vernal, Utah, and Eric McCulley, SWCA Environmental Consultants. 2004.

- BLM. 2004. Mineral Potential Report for the Vernal Planning Area. Final Mineral Report. Bureau of Land Management, Vernal Field Office. June.
- BLM. 2005. Land Use Planning Handbook, *BLM Handbook H-1601-1*. Department of the Interior, Bureau of Land Management, Washington, D.C. March 2005.
- BLM 2005. Final Environmental Impact Statement and Record of Decision for Castle Peak and Eight Mile Flat Oil and Gas Expansion Project: Newfield Rocky Mountains Inc. Vernal Field Office. Vernal, Utah. Fall 2005.
- BLM 2007. Instruction Memorandum No. 2008-009. Potential Fossil Yield Classification (PFYC) System for Paleontological Resources on Public Lands. October 15, 2007. U.S. Department of the Interior, Bureau of Land Management, Washington D.C.
- BLM. 2007. Updated Utah Bureau of Land Management (BLM) State Director's Sensitive Plant and Animal Species List. Instruction Memorandum No. UT 2007-078 dated September 26, 2007 Bureau of Land Management, Utah State Office.
- BLM. 2007. Final Vegetation Treatments on Bureau of Land Management Lands in 17 Western States Programmatic Environmental Impact Statement and associated Record of Decision. USDI, Bureau of Land Management, 2007. (FES 07-21)
- BLM. 2007. Final Vegetation Treatments on Bureau of Land Management Lands in 17 Western States Programmatic Environmental Impact Statement and associated Record of Decision. USDI, Bureau of Land Management (FES 07-21).
- BLM. 2007. Northeast National Petroleum Reserve—Alaska Draft Supplemental Integrated Activity Plan/Environmental Impact Statement. August 2007. US Department of the Interior, Bureau of Land Management, Anchorage. Available on the Internet: http://www.blm.gov/ak/st/en/prog/planning/npra_general/ne_npra/ne_npra_supplement.html.
- BLM 2008. West Tavaputs Plateau Natural Gas Full Field Development Plan: Draft Environmental Impact Statement: UT-070-05-055. Price Field Office, Price, Utah.
- Bureau of Land Management, U.S. Forest Service and Natural Resource Conservation Service. 1996. Interagency Technical Reference: Sampling Vegetation Attributes. USDI, USDA.
- Bureau of Land Management, U.S. Forest Service and Natural Resource Conservation Service. 1996. Interagency Technical Reference: Utilization Studies and Residual Measurements. USDI, USDA.
- Bureau of Land Management, U.S. Forest Service and Natural Resource Conservation Service. 1998. Technical Reference 1737-15 Riparian Area Management: A User Guide to Assessing Proper Functioning Condition and the Supporting Science for Lotic Areas. USDI and USDA.
- Bureau of Land Management, U.S. Forest Service and Natural Resource Conservation Service. 2003. Technical Reference 1737-16 Riparian Area Management: A User Guide to

- Assessing Proper Functioning Condition and the Supporting Science for Lentic Areas. USDI and USDA.
- Bureau of Land Management and U.S. Geological Survey. 2001. Technical Report 1730-2 Biological Soil Crusts: Ecology and Management, US Department of the Interior.
- Carper, Elizabeth, and Ottersberg, Eri. 2002. Significance of a CALPUFF Near-Field Analysis. Air and Waste Management Association (A&WMA) Pacific Northwest International Section (PNWIS) Annual Conference. November 2002. Tacoma, Washington.
- Cashion, W. 1967. "Geology and Fuel Resources of the Green River Formation Southeastern Uinta Basin, Utah and Colorado." USGS Professional Paper 548.
- Colorado Department of Public Health and the Environment. (CDPHE). 2004. Personal communication with Chip Hancock, 4/15/2004.
- Chenoweth, W. 1992. "Uranium Mining in the Uinta Basin, Utah." In Hydrocarbon and Mineral Resources of the Uinta Basin, Utah and Colorado: Utah Geological Association Guidebook 20 (Eds. Fouch, Y., V. Nuccio, and T. Chidsey, Jr.).
- Chick, Nancy. 2002. Colorado Department of Public Health and Environment, Air Pollution Control Division. Roan Plateau EIS comments. December 20, 2002.
- Chow, V.T. 1959. Open-channel hydraulics: McGraw Hill, New York, 680 pages.
- Connelly, John W., Steven T. Knick, Michael A. Schroeder, and San J. Stiver. 2004. Conservation Assessment of Greater Sage-grouse and Sagebrush Habitats. Western Association of Fish and Wildlife Agencies, Cheyenne, Wyoming.
- Crawford, A. 1960. "Gilsonite and Related Hydrocarbons of the Uinta Basin, Utah", Reprint No. 18-a, Utah Geological and Mineralogical Survey.
- Deloria, V., and R. Stoffle. 1998. *Native American Sacred Sites and the Department of Defense*. University of Colorado and Arizona. Submitted to the United States Department of Defense, Washington D.C.
- Department of Transportation. 1997. Pipeline and Hazardous Materials Safety Administration (PHMSA), DOT. [Docket No. RSPA-97-2879] Pipeline Safety: Rapid Isolation of Ruptured Sections of Gas Transmission Pipelines AGENCY: Office of Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, DOT
- Doelling, H. and R. Graham. 1972. "Eastern and Northern Utah Coal Fields: Vernal, Henry Mountains, Sego, La Sal-San Juan, Tabby Mountain, Coalville, Henry's Fork, Goose Creek and Lost Creek." Utah Geological and Mineralogical Survey Monograph Series No. 2.
- Duncan, Clifford. 1992. Report Prepared for the BLM Concerning Proposed Road Improvement Between Ouray and Cisco, Utah. Ouray to Interstate 70 Highway Draft EIS. September.

- Earth Tech Inc. 2001a. CALPUFF Modeling System Webpage: <http://www.src.com/calpuff/calpuff1.htm> Last Modified: December 10, 2001. Concord, MA.
- Earth Tech, Inc. 2001b. CALMET Codes and Related Processors [Version 5.2, 000602d] Webpage: <http://earthtec.vwh.net/download/cmet.htm> Last Modified: October 12, 2001. Concord, MA.
- Earth Tech, Inc. 2001c. CALPUFF Codes and Related Processors [Version 5.5, 010730_1] Webpage: <http://earthtec.vwh.net/download/cpuff.htm> Last Modified: October 12, 2001. Concord, MA.
- Edwards, T.C., A. Falconer, R.D. Ramsey, C.G. Homer, S.D. Basset, and D.W. Wight. 1996. Utah Gap Analysis: an environmental information system. Utah State University, Logan, UT.
- Energy Information Administration. 2006 Website: <http://www.eia.doe.gov/>. Accessed March 23, 2006.
- Environmental Protection Area (EPA). 1992. Screening procedures for estimating the air quality impact of stationary sources, revised. EPA-454/R-92-019. Office of Air Quality Planning and Standards. Research Triangle Park, NC. October.
- EPA. 1995a. User's Guide for the Industrial Source Complex (ISC3) Dispersion Models: Volume I - User Instructions. EPA-454/B-95-003a. Office of Air Quality Planning and Standards. Research Triangle Park, NC. September.
- EPA. 1995b. SCREEN3 Model User's Guide. EPA-454/B-95-004. Office of Air Quality Planning and Standards. Research Triangle Park, NC. September.
- EPA. 1995d. Federal Register Notice. Requirements for Preparation, Adoption, and Submittal of Implementation Plans. 40 CFR Parts 50 & 51. Volume 60, Number 153, pg 40469. August 9.
- EPA. 1997. Integrated Risk Information System database. Office of Air Quality Planning and Standards. Research Triangle Park, NC.
- EPA. 1998. Draft Residual Risk Report to Congress. Office of Air Quality Planning and Standards. Research Triangle Park, NC. April 14.
- EPA. 1999a. Residual Risk Report to Congress. Document Number: EPA-453/R-99-001. Office of Air Quality Planning and Standards. Research Triangle Park, NC. March 1999. PDF file available for download at: <http://www.epa.gov/ttn/oarpg/t3/meta/m8690.html>
- EPA. 1999b. Emissions Inventory Guidance for Implementation of Ozone and Particulate Matter National Ambient Air Quality Standards (NAAQS) and Regional Haze Rule. Office of Air Quality Planning and Standards. Research Triangle Park, NC. April.

- EPA. November 19, 2001. USA Air Quality Nonattainment Areas. Office of Air Quality Planning and Standards. Website: <http://www.epa.gov/airs/nonattn.html>
- EPA. 2002. AIRData Webpage: <http://www.epa.gov/air/data/> Last Modified: February 7, 2002. Research Triangle Park, NC.
- EPA. 2003. Integrated Risk Information System (IRIS) web site. <http://www.epa.gov/iris/index.html>. or see <http://www.epa.gov/iris/subst/0270.htm>
- EPA. 2005. Revision to the Guideline on Air Quality Models: Adoption of a Preferred General Purpose (Flat and Complex Terrain) Dispersion Model and Other Revisions; Final Rule. 40CFR, Part 51. (http://www.epa.gov/scram001/guidance/guide/appw_05.pdf). November 9.
- Eubanks, Ellen C. Dexter Meadows and Jill S. Cremer. 2002. A Soil Bioengineering Guide for Streambank and Lakeshore Stabilization. U.S. Department of Agriculture Forest Service, Technology and Development Program, San Dimas, CA.
- Executive Order No. 1988 Floodplain Management. 42 F.R. 26951. May 24, 1977. Available at: <http://www.epa.gov/owow/wetlands/regs/eo11988.html/>.
- Fitzgerald, J.P., C. A. Meaney, and D. M. Armstrong. 1994. Mammals of Colorado. Denver Museum of Natural History and University Press of Colorado, Niwot.
- Federal Interagency Stream Restoration Working Group, 1998, Stream corridor restoration – principle, processes, and practices: National Technical Information Service, Order No. PB98-158348INQ, Washington, D.C.
- Federal Land Managers' Air Quality Related Values Workgroup (FLAG). 2000. Phase I Report dated December 2000). USDI-National Park Service, Air Resources Division. Denver, CO. Available at <http://www2.nature.nps.gov/ard/flagfree/FLAG--FINAL.pdf>.
- Federal Register Notice. Requirements for Preparation, Adoption, and Submittal of Implementation Plans. 40 CFR Parts 50 & 51. Volume 60, Number 153, pg 40469. August 9.
- Fleischner, Thomas L. 1994. Ecological costs of livestock grazing in western North America. *Conservation Biology* 8(3): 629-644.
- Florida Division of Forestry (FDOF), 2000. Prescribed Fire Position Paper. Florida Department of Agriculture and Consumer Services. Internet website: <http://flame.fl-dof.com/Env/RX/position.html>
- Forman, R., and L. Alexander. 1998. Roads and their Major Ecological effects. *Annu. Rev. Ecol. Syst.* Vol. 29, pp. 207-31.
- Fox, D.G.; Bartuska, A.M.; Byrne, J.G.; Cowling, E.; Fisher, R.; Likens, G.E.; Lindberg, S.E.; Linthurst, R.A.; Messer, J.; and Nichols, D.S. 1989. A Screening Procedure to Evaluate

- Air Pollution Effects on Class I Wilderness Areas. General Technical Report RM-168. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO. Available at <http://www.fs.fed.us/r6/aq/natarm/screen.pdf>
- Gelbard J. L. and J. Belnap. 2003. Roads as conduits for exotic plant invasions in a semiarid landscape. *Conservation Biology* 17(2):420-432.
- Glisson, B. 2007. Final report for Uinta Basin hookless cactus (*Sclerocactus wetlandicus* Hochstätter) reconnaissance survey of habitat areas along the Green River, Utah. Prepared for the U.S. Fish and Wildlife Service, Utah Field Office, West Valley City, Utah. June 21, 2007. 6 pp. with additional maps and appendices.
- Goddard Institute for Space Studies. 2007. Annual Mean Temperature Change for Three Latitude Bands. Datasets and Images. GISS Surface Temperature Analysis, Analysis Graphs and Plots. New York, New York. Available on the Internet: <http://data.giss.nasa.gov/gistemp/graphs/Fig.B.lrg.gif>.
- Habich, Edward F. 2001. Inventory and Monitoring Technical Reference 1734-7: Ecological Site Inventory. USDI Bureau of Land Management, National Science and Technology Center, Denver, CO.
- Hansen, W.R. 1969. The geology of the Uinta Mountains: United States Geological Survey Bulletin 1291, 144.
- Havstad, K.M. 1994. Sheep Grazing as a Rangeland Improvement Tool, *Sheep and Goat Research Journal: Special Issue: The Role of Sheep Grazing in Natural Resource Management*, pp. 72-78.
- Hersey, Kent R. and Anis Aoude. 2006. Utah Big Game Annual Report. State of Utah, Department of Natural Resources, Division of Wildlife Resources. Publication No. 07-22.
- Holmes, T.L., R.L. Knight, L. Stegall, and G.R. Craig. 1993. Responses of wintering grassland raptors to human disturbance. *Wildl. Soc. Bull.* 21:461-468.
- Holzworth, G. C. 1972. Mixing Heights, wind Speeds, and Potential for Urban Air Pollution Throughout the Contiguous United States. Office of Air Programs AP-10, Environmental Protection Agency, Research Triangle Park, NC 27711.
- Huntington, Matthew H. and John D. Echeverria, Ed. 1991. The American Rivers Outstanding Rivers List. Second Edition. Washington, DC: American Rivers, Inc.
- IMPROVE. 2002. IMPROVE Optical Data Webpage: http://vista.cira.colostate.edu/improve/Data/IMPROVE/Data_IMPOptical.htm. USDI-National Park Service/Cooperative Institute for Research in the Atmosphere (Colorado State University). Fort Collins, CO.
- Interagency Wild & Scenic Rivers Coordinating Council. 1997. Wild and Scenic Rivers Reference Guide. BLM, NPS, USFWS, USFS, and State Representatives.

- Interagency Workgroup on Air Quality Modeling (IWAQM). 1998. Phase 2 Summary Report and Recommendations for Modeling Long Range Transport Impacts. EPA-454/R-98-019, December 1998. Research Triangle Park, NC.
- Intergovernmental Panel on Climate Change (IPCC). 2007. Climate Change 2007: The Physical Basis (Summary for Policymakers). Cambridge University Press. Cambridge, England and New York, New York. Available on the Internet: <http://www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-spm.pdf>.
- Intergovernmental Panel on Climate Change (IPCC), 2007, Summary for Policymakers. Impacts, Adaptation and Vulnerability; Contribution of Working Group II to the Fourth Assessment Report of the IPCC.
- Irby, L. R., R. J. Mackie, H. Ihsle Pac, and W. F. Kasworm. 1987. Management of mule deer in relation to oil and gas development in Montana's overthrust belt. Pages 113-121. Issues and Technology in the Management of Impacted Wildlife. Thorne Ecological Institute
- Isaacson, Alan, E. 2003. "The Structure of Utah's Natural Gas Industry. University of Utah: Bureau of Economic and Business Research. Volume 63 Numbers 11 & 12. November/December 2003.
- Jennings, M.E., Thomas, Jr., W.O., and Riggs, H.C., 1994, Nationwide summary of U.S. Geological Survey regional regression equations for estimating magnitude and frequency of floods the ungaged sites, 1993: U.S. Geological Survey Water-Resources Investigations Report 94-4002, 196 pages.
- Johnson, M. 1973. "Placer Gold Deposits of Utah." USGS Bulletin 1357.
- Karpowitz, J. 1984. Book Cliffs big game inventory and production study. Utah Dept. of Nat. Resour., Vernal, UT Publ. No. 84-10.
- Lakes Environmental Software (Lakes). 2002. User's Guide: ISC-AERMOD View.
- Lagasse, P.F., Schall, J.D., and Richardson, E.V., 2001, Stream stability at highway structures: Hydraulic Engineering Circular No. 20, Third Edition, FHWA NHI 01-002, Federal Highway Administration, Washington, D.C.
- Lyon L.J. 1979. Habitat effectiveness for elk as influenced by roads and cover. J. of Forestry 79:658-660.
- Lyon, A. G. and S.H. Anderson. 2003. Potential gas development impacts on sage-grouse nest initiation and movement. Wildlife Society Bulletin 31(2):486-491.
- Lyon, L.J., T.N. Lonner, J.P. Weigand, C.L. Marcum, W.D. Edge, J.D. Jones, D.W. McCleery, and L.L. Hicks. 1985. Coordinating elk and timber management. Final report. Montana Cooperative Elk-Logging Study 1970-185. Montana Dept. Fish and Wildlife.

- Machovec, Chuck. 2002. Modeling Protocol Comments- Vernal and Glenwood Springs Resource Management Plans. Colorado Department of Public Health and Environment, Air Pollution Control Division. December 26, 2002. Denver, CO.
- McMurtrie, Deborah. (Utah Department of Environmental Quality (DEQ)).
- Molinas, A., 1990, Bridge stream tube model for alluvial river simulation (BRI-STARS), user's manual: National Cooperative Highway Research Program, Project No. HR 15-11, Transportation Research Board, Washington, D.C.
- Montana State University. 2003. "Frequently Asked Questions: Coal Bed Methane Development." Montana State University: Department of Land Resources and Environmental Sciences. Website: <http://waterquality.montana.edu/docs/methane/cbmfaq.shtml#whatiscoalbedmethane>. Accessed April 10, 2006.
- Mosely, Jeffery C. 1994. Prescribed Sheep Grazing to Enhance Wildlife Habitat on North American Rangelands. *Sheep and Goat Research Journal: Special Issue: The Role of Sheep Grazing in Natural Resource Management*, pp. 79-91.
- National Academy of Sciences. 2006. Understanding and Responding to Climate Change: Highlights of National Academies Reports. Division on Earth and Life Studies. National Academy of Sciences. Washington, D.C. Available on the Internet: <http://dels.nas.edu/basc/Climate-HIGH.pdf>.
- National Energy Policy Development Group, May 2001. "National Energy Policy. Reliable, Affordable, and Environmentally Sound Energy for America's Future".
- National Management Strategy for Motorized Off-Highway Vehicle use on Public Lands, January 2001.
- National Park Service (NPS). 1998. Summary of ISCST3 Modeling for Naval Oil Shale Reserve Natural Gas Development in the Bureau of Land Management Glenwood Springs Resource Area. Air Quality Division. December.
- Nationwide Rivers Inventory, USDI, National Park Service, 1995.
- Olendorff, R. R. 1993. Biology and management of ferruginous hawk (*Buteo regalis*): a review. Occasional Papers Number 1. Raptor Research and Technical Assistance Center, U.S. Bureau of Land Management, Boise, Idaho, USA.
- Olson, B.E. and J.R. Lacey. 1994. Sheep: A Method for Controlling Rangeland Weeds. *Sheep and Goat Research Journal: Special Issue: The Role of Sheep Grazing in Natural Resource Management*, pp. 105-112.
- Orth, Tom. 2002. Telephone conversation with Trinity staff on June 14, 2002.
- Phillips, Blaine. 2002 Personal communication. [In-person conversation about the Vernal District MSA and RMP between Mr. Phillips and Mr. Dave Moore of the BLM-Vernal

- Field Office and Sheri Murray Ellis, Matthew T. Seddon, and Molly Molenaar of SWCA, in Vernal, November 9, 2001.] Notes on file at SWCA, Inc. Environmental Consultants, Salt Lake City.
- Pitchford, Marc L., and William C. Malm. 1994. Development and Applications of a Standard Visual Index. *Atmospheric Environment* 28(5): 1,049–1,054.
- Pruitt, R. 1961. "The Mineral Resources of Uintah County." Utah Geological and Mineralogical Survey Bulletin 71.
- Rairigh, K. 2002. Telephone conversation between Mr. Ken Rairigh, Wyoming DEQ, and Yu Shan Huang, Trinity Consultants, on January 4, 2002.
- Reed, Alan D. and Michael D. Metcalf. 1999 Colorado Prehistory: A Context for the Northern Colorado River Basin. Colorado Council of Professional Archaeologists, Denver.
- Rhodenbaugh, Molly and Virginia Newton. 2000. The Browns Park Road Project, Daggett County, Utah: Phase II Native American Consultation and the Identification of Traditional Cultural Places. Cultural Resources Report 00-29. SWCA, Inc. Environmental Consultants, Salt Lake City.
- Richardson, E.V., and Davis, S.R., 2001, Evaluating scour at bridges: Hydraulic Engineering Circular No. 18, Fourth Edition, FHWA NHI 01-001, Federal Highway Administration, Washington, D.C.
- Richardson, E.V., Simons, D.B. and Lagasse, P.F., 2001, Highways in the river environment: Report FHWA NHI 01-004, Federal Highway Administration, Hydraulic Design Series No. 6, Washington, D.C.
- Schillie, E., 2002. Personal Communication. SF Phosphate, LLC. June.
- Scire, J.S., D.G. Strimatis, and R.J. Yamartino. 2000. "A Users Guide for the CALPUFF Dispersion Model (Version 5); Description of the MESOPUFF II Chemical Mechanism." Earth Tech, Inc. Concord, MA. Available at <http://earthtec.vwh.net/download/calpuff.pdf>
- Seidel, J. W. 1977. Elk calving behavior in west central Colorado. Pp. 38–40 in Proc. Western States Elk Workshop, Colorado Division of Wildlife, Denver, Colorado.
- Shimkin, Demitri B. 1986. Eastern Shoshone. In Great Basin, edited by Warren L. d'Azevedo, pp. 308-335. Handbook of North American Indians, Vol. 11, W. C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.
- Simon, A., 1989, A model of channel response in distributed alluvial channels: Earth Surface Processes and Landforms 14(1): 11-26.
- Simon, A., 1992, Energy, time and channel evolution in catastrophically disturbed fluvial systems: in Geomorphic systems: geomorphology, ed. J.D. Phillips and W.H. Renwick, vol. 5, pp. 345-372.

- Simons, Li and Associates, 1982, Engineering analysis of fluvial systems: SLA, Fort Collins, Colorado.
- Sipes, S. D. and V. J. Tepedino. 1995. Reproductive biology of the rare orchid, *Spiranthes diluvialis*: breeding system, pollination, and implications for conservation. *Cons. Biol.* 9: 929-938.
- Smith, Michael D., R.S. Krannich and L.M. Hunter. 2001. Growth, Decline, Stability, and Disruption: A Longitudinal Analysis of Social Well-Being in Four Western Rural Communities. *Rural Sociology* 66(3):425-450.
- Society for Range Management. 1998. Glossary of Terms used in Range Management. Edison Press, Denver, CO.
- Southern Utah Wilderness Alliance, 2001. Scoping Comments submitted by Southern Utah Wilderness Alliance, The Wilderness Society, Natural Resources Defense Council, and Utah Rivers Council, Salt Lake City, Utah.
- Spangler, Jerry D. 1995. Paradigms & Perspectives: a Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau. Uinta Research: Salt Lake City.
- Sprott, Richard W. 2003. Utah Department of Environmental Quality Memorandum No. DAQP-003-03 to Yu Shan Huang. January 17, 2003.
- Standards for Rangeland Health and Guidelines for Grazing Management for BLM Lands in Utah, May 1997.
- State of Utah (Utah). 1996. Wild and Scenic River Review in the State of Utah Process and Criteria for Interagency Use. *Process and Criteria for Interagency Use*, July 1996.
- State of Utah (Utah). 2003. Standards of Water Quality for Waters of the State. Rule R317-2.
- Stern, K. 1960. Native Bitumens, Pyrobitumens, and Asphaltic Type Petroleum Bitumens", In, Industrial Minerals and Rocks (Nonmetallics other than Fuels), Seely W. Mudd Series, The Am. Institute of Mining, Metallurgical, and Petroleum Engineers, pp. 631-635.
- Strong, S. 2002a. Personal communication with C. Garrett (SWCA, Inc. Environmental Consultants) regarding RMP development. 12 March.
- Strong, S. 2002b. Personal communication with C. Garrett (SWCA, Inc. Environmental Consultants) regarding riparian functions. 26 April
- SWCA. 2006. *Sclerocactus wetlandicus* and *S. brevispinus* surveys. Unpublished data.
- SWCA. 2007. *Sclerocactus wetlandicus* and *S. brevispinus* surveys. Unpublished data.
- Thomas, B.E., and Lindsow, K.L., 1983, Methods for estimating peak discharge and flood boundaries of stream in Utah: U.S. Geological Survey Water-Resources Investigations Report 83-4129, 77 pages.

- Thomas, B.E., Hjaltmarson, H.W., and Waltemeyer, S.D., 1993, Methods for estimating magnitude and frequency of floods in the southwestern United States: U.S. Geological Survey Open-File Report 93-419, 193 pages.
- Trinity Consultants (Trinity), and Nicholls, Craig (BLM). 2004. Air Quality Assessment Report - Vernal and Glenwood Springs Resource Management Plans. August 2004.
- Trombulak, S., and C. Frissell. 2000. Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology* 14(1):18-30.
- Trudell, L. G., John W. Smith, Thomas N. Beard, and Glenn M. Mason. 1983. *Primary Oil-Shale Resources of the Green River Formation in the Eastern Uinta Basin, Utah*, U.S. Department of Energy, Laramie Energy Technology Center, DOE/LC/RI-82-4.
- U.S. Army Corps of Engineers, 1993, Scour and deposition in rivers and reservoirs, user's manual, HEC-6: Hydrologic Engineering Center, Davis, CA.
- United States Census (U.S. Census), 2000 Census of Population. Web site:<http://www.census.gov/main/www/cen2000.html>.
- U.S. Congress. 1968. Wild and Scenic Rivers Act. October 2, 1968. Title 16 U.S.C. 1271-1287.
- U.S. Congress. 1969. National Environmental Policy Act of 1969. 42 U.S.C. 4321-4347. January 1, 1970.
- U.S. Congress. 1971. Wild Free Roaming Horse and Burro Act. Public Law 92-195.
- U.S. Congress. 1973. Endangered Species Act of 1973. Public Law 93-205. December 28, 1973.
- U.S. Congress. 1976. Federal Land Policy Management Act of 1976. Public Law 94-597.
- United States Department of Agriculture (USDA). 1990. Soil Survey of the Henry's Fork Area, Parts of Daggett and Summit Counties, Utah and Uinta and Sweetwater Counties, Wyoming. USDA Natural Resource Conservation Service, 1990.
- USDA. 1999. Soil Survey of the Uintah Area, Utah, Parts of Daggett, Grand, Uintah Counties. USDA Natural Resource Conservation Service, 1999.
- USDA and United States Department of the Interior (USDI). 2001. Review and Update of the 1995 Federal Wildland Fire Management Policy. U.S. Department of the Interior and the U.S. Agriculture Department.
- U.S. Department of the Interior (USDI) U.S. Geological Survey (USGS). 2002a. USGS Digital Elevation Model Data. National Cartographic Information Center. Reston, VA. Web page: http://edcwww.cr.usgs.gov/glis/hyper/guide/usgs_dem
- USDI-USGS. 2002b. Land Use and Land Cover Data. National Cartographic Information Center. Reston, VA. Webpage: http://edcwww.cr.usgs.gov/Webglis/glisbin/guide.pl/glis/hyper/guide/1_250_lulc

- USFWS. 1990. Uinta Basin hookless cactus (*Sclerocactus glaucus*) recovery plan. U.S. Fish and Wildlife Service, Region 6, Denver, Colorado.
- United States Fish and Wildlife Service (USFWS). 2001. Endangered and Threatened Species: Final Designation of Critical Habitat for the Mexican Spotted Owl. Federal Register Volume 66, No. 22 p. 8530-8553.
- USFWS. 2005. Biological Opinion for Castle Peak Eightmile Flat Oil and Gas Expansion Project. U.S. Fish and Wildlife Service, Utah Field Office, West Valley City, Utah. 6-UT-05-012-05-600. July 6, 2005.
- U.S. Forest Service. 1897. Organic Administration Act of 1897. 16 U.S.C. §§ 473-478, 479-482 and 551. US Department of Agriculture, Forest Service.
- United States Forest Service (USFS) 2000. "Screening Methodology for calculating ANC Change to High Elevation Lakes." Rocky Mountain Region, Lakewood, CO. available at http://www.fs.fed.us/r6/aq/natarm/r2/ANC_Change_Screening_Guidance.pdf
- USGS, 1984. Water Supply Paper 2224 - Quantity and Quality of Streamflow in the Southeastern Uinta Basin, Utah and Colorado, K.L. Lindskov and Briant A. Kimball.
- University Corporation for Atmospheric Research (UCAR). 2002. Mesoscale Meteorological Model (MM5) Webpage: <http://www.mmm.ucar.edu/mm5/mm5-home.html>. Last Modified: November 12, 1999. Boulder, CO.
- Utah Agricultural Statistics. 2001. Website: <http://www.nass.usda.gov/census/census97/highlights/ut/ut.htm>
- Utah Department of Environmental Quality (UDEQ). 2000. Utah Nonpoint Source Pollution Management Plan. October.
- Utah Department of Environmental Quality (UDEQ). 2002. Utah's 2002 303(d) List of Waters. Utah Department of Environmental Quality, Salt Lake City.
- UDEQ. 2004a. E-mail from Dave Prey, Utah DEQ, to Craig Nicholls, BLM NSTC, dated 4/23/2004.
- Utah Department of Workforce Services (UDWS), Workforce Information. May 2001. website: <http://jobs.utah.gov/>.
- Utah Division of Air Quality (UDAQ) 2004. Utah Air Quality Attainment and Non-Attainment Areas. Utah Department of Environmental Quality, Division of Air Quality webpage. Map in pdf format available for download at: http://www.waterquality.utah.gov/documents/NPS_Mgmt_Plan_2001.pdf.
- UDAQ 1999. Utah Smoke Management Plan. Appendix A. Memorandum of Understanding for Utah Smoke Management Plan and Emissions Inventory Development. March 30, 1999

- FS#22-MOU-99-017. Utah Department of Environmental Quality, Division of Air Quality. July 20, 1999. Revised March 23, 2000.
- Utah Division of Oil, Gas and Mining (UDOGM). 2002. Web site: <http://www.ogm.utah.gov/>. com
- Utah Division of Oil, Gas and Mining. 2007. The Structure and Economic Impact of Utah's Oil and Gas Exploration and Production Industry Phase I - The Uinta Basin. University of Utah Bureau of Economic and Business Research. November, 2007
- Utah Division of Travel Development. 2004. 2004 State and County Economic Travel Indicator Profiles. State of Utah. 2004.
- Utah Division of Water Resources (UDWaR). 1999. Utah State Water Plan, Uintah Basin. December.
- UDWaR. 2000. Utah's 303(d) List of Water. October.
- Utah Division of Wildlife Resources (UDWR). 2000. Utah upland game annual report 1999. Publication 00-27. Utah Division of Wildlife Resources, Salt Lake City, Utah.
- UDWR. 2002. Strategic Management Plan for Sage Grouse 2002. Utah Department of Natural Resources, Division of Wildlife Resources. Publication Number 02-20. 58 p.
- Utah Division of Wildlife Resources (UDWR). 2005. Sage-grouse. Wildlife Notebook Series No. 18. December.
- UDWR. 2007. Utah Conservation Data Center. State of Utah Department of Natural Resources, UDWR Salt Lake City, Utah. [Last accessed October 8, 2007.] Available at: <http://dwrcdc.nr.utah.gov/ucdc>.
- Utah Division of Wildlife Resources. 2008. Utah Big Game Guidebook: A Proclamation of the Utah Wildlife Board. Utah Department of Natural Resources, Salt Lake City, UT.
- Utah Energy Office. 2003. Website: <http://www.energy.utah.gov/>.
- Utah Energy Office. 2004. Report: Economic Impact Analysis of the Drilling and Completion of a Natural Gas Well in the Uintah Basin. State of Utah: Department of Natural Resources, Utah Energy Office. August 2004
- Utah Geologic Survey. 2006. Website: <http://geology.utah.gov/sep/>. Accessed March 24, 2006.
- Utah Governor's Office of Planning and Budget. 2008. Utah Population Estimates. State of Utah, Governor's Office of Planning and Budget, Utah Population Estimates Committee. Available at: <http://www.qget.state.ut.us/programs/c1.asp?database=MIG&tabletype=a/>.
- Utah State Tax Commission. 2003. website: <http://www.tax.utah.gov/>

- Van Dyke, F., and W.C. Klein. 1996. Response of elk to installation of oil wells. *J. Mammalogy* 77:1028-1041.
- Walsh Environmental (Walsh). 2004 "Number of Wells and Vehicular Traffic Adjustments for Collocated Wells - RMPA/EIS 20-Year Period of Analysis". Received via e-mail from Allen Crockett to Craig Nicholls, 4/26/04.
- Welsh, S.L, N.D. Atwood, L.C. Higgins, and S.Goodrich. 1993. A Utah flora. Great Basin Naturalist Memoir No. 9. 894.
- Western Regional Climate Center. 2008. RAWs USA Climate Archive. Available at <http://raws.dri.edu/>.
- White, C. M., and T. L. Thurow. 1985. Reproduction of ferruginous hawks exposed to controlled disturbance. *Condor* 87:14-22.
- Zeveloff, S., and F. Collett. 1988. Mammals of the Intermountain West. University of Utah Press, Salt Lake City, Utah. Pp. 288-290.